PRO™ CHEMICAL & DYE
126 Shove Street Fall River, MA 02724
1-800-228-9393 www.prochemicalanddye.com

Safety Data Sheet
Color Concentrate Dark Brown CC54

Revision Date 8/20/2015
Print Date 8/20/2015

I-IDENTIFICATION

1.1 Product identifiers

Product Name: Color Concentrate Dark Brown CC54

Synonyms : Pigment dispersion

CAS Number: Not applicable, mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Textile printing

1.3 Details of the supplier of the safety data sheet

PRO Chemical & Dye
126 Shove Street
Fall River, MA 02724

1.4 Emergency telephone number

Emergency Telephone Numbers:
800-255-3924 ChemTel. (United States)
+ 1 01 813-248-0585 (Outside the United States)

2-HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Description

Not classified

2.2 GHS Label elements, including precautionary statements

Pictograms

None

Signal word

None

Hazard Statements

Statement

None

Precautionary Statements

Statement

None

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Statement

None

3- COMPOSITION/INFORMATION ON INGREDIETS

3.1 Substances

Formula: Not applicable, mixture.
Molecular weight: NA
CASNo.: NA
EC No.: NA

Hazardous Components

Name	CAS	Classification	%
Ammonium Hydroxide	1336-21-6	H302; Acute Tox. 4 H314; Skin Corr. IB H318; Eye Dam. 1 H400; Aquatic Acute 1	<1

4-FIRST AID PROCEDURES

4.I Description of first aid measures

Condition	Recommendation
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance out of dangerous area.
If Inhaled	Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
In case of skin contact	Wash the affected area thoroughly with soap and water
In case of eye contact	Flush eyes with plenty of water for at least 5 minutes. Flush Ionger if there is an indication of residual chemical in the eye.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5-FIRE FIGTHING MEASURES

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides and other noxious fumes

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6-ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Soak up large spill residue. Sweep **up** and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7-HANDLING & STORAGE

7.1 Precautions for safe handling:
Avoid contact with eyes. Avoid prolonged repeated skin contact and breathing mists/vapors. Use in well ventilated area:

Store in closed container. Keep from freezing.

7.2 Conditions for safe storage, including incompatibilities:

7.3 Specific end use(s);
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8-EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

CAS	Reference	Value
1336-21-6	Ammonium Hydroxide	OSHA(PEL)50ppm ACGIH(TLV) 25 ppm STEL 35ppm NIOSH (REL) 25ppm 10hr work-shift, 35 ppm for 15m exposure period

8.2 Exposure controls appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Personal protective equipment to the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling the product.

Respiratory protection
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains

9-PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Description	Value	Details if any
Appearance	Yellow Liquid	
Odor	Slightly ammonia	
pH	8-11	
Melting/Freezing Point	0°C-32°F	
Boiling Point	100°-212F	
Flash Point	Not at boil	ASTM D-93 (closed cup)
Evaporation Rate (water=1)	1	
Upper/Lower Explosive Limits	None	
Vapor pressure	17.5 mm/Hg @ 20°C	
Vapor Density (Air = 1)	<1	
Specific Gravity	1.20	
Partition Coefficient	Not determined	
Solubility (water)	Dispersible	
Auto Ignition Temp.	Not Determined	
Decomposition Temp.	Not determined	
Viscosity	1000-4000	Brookfield #6 spindle @ 20rpm
Volatiles	70 +/- 3	
VOC's	<1	Calculated

9.2 Other safety information
No data available

10-STABAILITY AND REACTIVITY

10.1 Reactivity
Product is stable

10.2 Chemical stability
Stable under recommended storage conditions

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Excessive heat, do not freeze.

10.5 Incompatible materials
No data available

10.6 Hazardous decomposition products Other decomposition products
No data available In the event of fire: see section 5

11-TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Description

Ammonium Hydroxide - LD50 - Oral rat - 350 mg/g

Other information on acute toxicity
No data available

Skin corrosion/irritation

Description
Not available

Serious eye damage/eye irritation
Description
Not available

Respiratory or skin sensitization
Description
Not available

Germ cell mutagenicity

Not available

Carcinogenicity

The following components of this product are present at levels greater than or equal to 0.1 is identified as a carcinogen by the following agencies.

Description	%	IARC	ACGIH	NTP	OSHA
None					

Reproductive toxicity

Teratogenicity

Description

Not available

Specific target organ toxicity: single exposure (Globally Harmonized System)

Description

Not available

Sp**ecific target organ toxicity- repeated exposure (Globally Harmonized** System)

Description

Not available

Aspiration hazard

Description

Not available

Potential health effects

Hazard	Description
Inhalation	No data available
Ingestion	No data available
Skin	No data available
Eyes	No data available

Signs and Symptoms of Exposure

No data available

Synergistic effects

No data available

Additional Information

RTECS: Not available

12-ECOLOGICAL INFORMATION

12.1 Toxicity

Description

Ammonium hydroxide 28-30% W/W

LC50 fishes 1 0.16 - 1.1 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); SOLUTION >=50%)
LC50 other aquatic organisms 1 1 - 10 mg/l (96 h; SOLUTION >=50%)
LC50 fish 20.75 - 3.4 mg/l (96 h; Pimephales promelas; SOLUTION >=50%)
TLM fish 1 47 ppm (48 h; Salmo gairdneri (Oncorhynchus mykiss); COOL WATER)
TLM fish 234 ppm (48 h; Salmo gairdneri (Oncorhynchus mykiss); WARM WATER)
TLM other aquatic organisms 1 20 ppm (l00 h; Daphnia magna)
Threshold limit other aquatic organisms 20.0012 mg/l (Oncorhynchus gorbuscha; SOLUTION >=50%)

12.2 Persistence and degradability

Description

Ammonium Hydroxide 28-30% w/w

Readily biodegradable in water. Ozonation in water. Biodegradable in the soil. No (test)data on mobility of the components of the mixture available. Ozonation in the air. :

2. **Carbon black**

12.3 Bioaccumulative potential

Description

No data available

12.4 Mobility in soil

Description

Not available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product. Container for disposal according to local regulations

14- TRANSPORT INFORMATION

Agency	Classification
Land (DOT)	Not regulated
Sea (IMDG)	Not regulated
Air (ICAO/IATA)	Not regulated

15 – REGULATORY INFORMATION

U.S. Federal Regulations

Description **CAS-No.** **Revision Date**

None

SARA 302 Components

Description **CAS-No.** **Revision Date**

None

SARA 313 Components

Description **CAS-No.** **Revision Date**

None

SARA 311/312 Components

Description

Not available

3.

Massachusetts Right To Know Component

Description	CAS-No.	Revision Date
None		

4.

5.

Pennsylvania Right To Know Components .

Description	CAS-No.	Revision Date.
None		

New Jersey Right To Know Components

Description	CAS-No.	Revision Date
None		

California Prop. 65 Components

Warning: The following ingredients in the product are known to the state of California to cause Cancer:

Description	CAS-No.	%
None		

16-OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

None

HMIS		NFPA	
Hazard	**Rating**	**Hazard**	**Rating**
Health	1	Health	1
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
Personal Protection	B		

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation Date: 6/18/2015
Last revision date: 8/20/2015